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10795825 - GAI: 2816

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		10795825
	Filing Date		2004-03-08
	First Named Inventor	Morteza Cyrus Afghahi	
	Art Unit	2816	
	Examiner Name	Kenneth B. Wells	
	Attorney Docket Number	13435US04	

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	1	3656003		1972-04-11	Chen et al.	
	2	4835418		1989-05-30	Hsieh, Hung-Cheng	
	3	4843264		1989-06-27	Galbraith, Douglas C.	
	4	4885720		1989-12-05	Miller et al.	
	5	4984202		1991-01-08	Kawahara et al.	
	6	5247479		1993-09-21	Young, Ian	
	7	5307316		1994-04-26	Takemae, Yoshihiro	
	8	5398206		1995-03-14	Akizawa et al.	

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	9	5491428		1996-02-13	Pan, Michael	
	10	5576999		1996-11-19	Kim et al.	
	11	5596536		1997-01-21	Koh, Hwa S.	
	12	5677917		1997-10-14	Wheelus et al.	
	13	5705945		1998-01-06	Wee, Reginald Siang-Tze	
	14	5712822		1998-01-27	Petrosino, Gianluca	
	15	5734616		1998-03-31	Kazama et al.	
	16	5748543		1998-05-05	Lee et al.	
	17	5751648		1998-05-12	Braceras et al.	
	18	5783949		1998-07-21	Reohr et al.	
	19	5805509		1998-09-08	Leung et al.	

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	20	5848003		1998-12-08	Nishikawa, Katsumi	
	21	5862089		1999-01-19	Raad et al.	
	22	5886929		1999-03-23	Becker et al.	
	23	5886941		1999-03-23	Tomita, Shozo	
	24	5898639		1999-04-27	Blodgett, Greg A.	
	25	5920515		1999-07-06	Shaik et al.	
	26	5923615		1999-07-13	Leach et al.	
	27	5930183		1999-07-27	Kojima et al.	
	28	5936906		1999-08-10	Proebsting, Robert J.	
	29	5953258		1999-09-14	Thomann, Mark R.	
	30	5953259		1999-09-14	Yoon et al.	

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	31	5956289		1991-09-21	Norman et al.	
	32	5959919		1999-09-28	Choi, Jae-Seung	
	33	5973978		1999-10-26	Cutter et al.	
	34	5995422		1999-11-30	Im et al.	
	35	6009024		1999-12-28	Hirata et al.	
	36	6016265		2000-01-18	Yoshida et al.	
	37	6026036		2000-02-15	Sekiya et al.	
	38	6026134		2000-02-15	Duffy et al.	
	39	6067269		2000-05-23	Han et al.	
	40	6084807		2000-07-04	Choi, Jin H.	
	41	6141288		2000-10-31	Numata et al.	

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	42	6147893		2000-11-14	Liu, Kwo-Jen	
	43	6151266		2000-11-21	Henkels et al.	
	44	6157585		2000-12-05	Kim, Duck Ju	
	45	6167540		2000-12-26	Azuma, Mitsuhiro	
	46	6172929		2001-01-09	Carson et al.	
	47	6188641		2001-02-13	Uchida, Toshiya	
	48	6205064		2001-03-20	Ooishi, Tsukasa	
	49	6215727		2001-04-10	Parson et al.	
	50	6236617		2001-05-22	Hsu et al.	
	51	6278641		2001-08-21	Chen et al.	
	52	6337601		2002-01-08	Klemmer; Nikolaus	

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	53	6363030		2002-03-26	Ooishi; Tsukasa	
	54	6411557		2002-06-25	Terzioglu et al.	
	55	6414899		2002-07-02	Afghahi et al.	
	56	6417697		2002-07-09	Afghahi et al.	
	57	6535025		2003-03-18	Terzioglu et al.	
	58	6597201		2003-07-22	Parris et al.	
	59	6603712		2003-08-05	Afghahi et al.	
	60	6611465		2003-08-26	Terzioglu et al.	
	61	6618302		2003-09-09	Terzioglu et al.	
	62	6628564		2003-09-30	Takita et al.	
	63	6707316		2004-03-16	Afghahi et al.	

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	64	6711087		2004-03-23	Afghahi et al.	
	65	6724681		2004-04-20	Terzioglu et al.	
	66	6745354		2004-06-01	Terzioglu et al.	
	67	6781421		2004-08-24	Terzioglu et al.	
	68	6888778		2005-05-03	Terzioglu et al.	
	69	6894231		2005-05-17	Winograd et al.	
	70	6937538		2005-08-30	Terzioglu et al.	
	71	7005892		2006-02-28	Afghahi et al.	
	72	7035163		2006-04-25	Terzioglu et al.	
	73	7082076		2006-07-25	Terzioglu et al.	
	74	7110309		2006-09-19	Terzioglu et al.	

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	75	7113004		2006-09-26	Terzioglu et al.	
	76	7173867		2007-02-06	Terzioglu et al.	
	77	7411846		2008-08-12	Terzioglu et al.	
	78	7821853		2010-10-26	Terzioglu et al.	

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	1	0745995	EP		1996-12-04	SGS-Thomson Microelectronics S.r.l.		<input type="checkbox"/>
	2	0974978	EP		2000-01-26	Samsung Electronics Co., Ltd.		<input type="checkbox"/>

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	3	10134573	JP		1998-05-22	Hitachi Ltd		<input type="checkbox"/>
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	2	Communication with International Search Report corresponding to International Application No. PCT/US01/03342, mailed November 30, 2001.	<input type="checkbox"/>
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☐ See attached certification statement.

☐ The fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

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Signature	/Michael T. Cruz/	Date (YYYY-MM-DD)	2011-12-01
Name/Print	Michael T. Cruz	Registration Number	44636

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